

# Comparisons of Job Characteristics

**Focus Occupation:** [Health Technologists and Technicians, All Other \(29-2099\)](#)

**Associated Occupation:** [Medical and Clinical Laboratory Technicians \(29-2012\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 60

**Focus Occupation:** Health Technologists and Technicians, All Other (29-2099)  
**Associated Occupation:** Medical and Clinical Laboratory Technicians (29-2012)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Chemistry	4.8	17.5	5.9	<< Extensive education and/or training may be required
Customer and Personal Service	11.3	12.9	15.5	> Current knowledge level is likely sufficient
Medicine and Dentistry	3.7	12.8	15.1	> Current knowledge level is likely sufficient
Biology	3.7	12.3	8.0	<< Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 75

**Focus Occupation:** Health Technologists and Technicians, All Other (29-2099)  
**Associated Occupation:** Medical and Clinical Laboratory Technicians (29-2012)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Science	4.5	10.8	6.0	<< Extensive development of skills in this area may be required
Operation Monitoring	6.6	9.5	8.0	< A higher skill level may be required
Quality Control Analysis	5.9	8.9	5.9	<< Extensive development of skills in this area may be required
Equipment Maintenance	3.5	7.4	3.6	<< Extensive development of skills in this area may be required
Troubleshooting	4.5	7.3	5.5	<< Extensive development of skills in this area may be required
Equipment Selection	3.3	6.4	2.6	<< Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 93			
Focus Occupation: Health Technologists and Technicians, All Other (29-2099) Associated Occupation: Medical and Clinical Laboratory Technicians (29-2012)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Finger Dexterity	7.6	11.0	9.2	<	Some improvement in abilities may be required
Flexibility of Closure	7.8	9.8	8.8	<	Some improvement in abilities may be required
Visual Color Discrimination	6.4	9.3	8.3	<	Some improvement in abilities may be required
Perceptual Speed	7.4	9.1	8.2	<	Some improvement in abilities may be required
Number Facility	6.3	8.7	5.3	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

There are no common work activities.

Tools and Technologies that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 53
<b>Focus Occupation: Health Technologists and Technicians, All Other (29-2099)</b> <b>Associated Occupation: Medical and Clinical Laboratory Technicians (29-2012)</b>		
Tools and Technologies	Exclusivity	
Computers	1	
Content authoring and editing software	1	
Data management and query software	1	
Diagnostic assessment and exam products for general use	21	
Indicating and recording instruments	2	
Industry specific software	1	
Laboratory microscope slides and supplies	20	
Light and wave generating and measuring equipment	4	
Specimen collection and transport containers and supplies	14	
Syringes and accessories	14	

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.